



FEE TRANSMITTAL SHEET (FOR FY 2004)

Complete if Known																																																																																																																																																																																			
Application No.	10/813,204																																																																																																																																																																																		
Filing Date	March 29, 2004																																																																																																																																																																																		
First Named Inventor	Kie Y. Ahn et al.																																																																																																																																																																																		
Group Art Unit	2879																																																																																																																																																																																		
Examiner	Not Yet Assigned																																																																																																																																																																																		
Atty. Docket Number	500466.04																																																																																																																																																																																		
METHOD OF PAYMENT (Check One)																																																																																																																																																																																			
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: <u>50-1266</u> ; Deposit Account Name: <u>DORSEY & WHITNEY LLP</u>																																																																																																																																																																																			
2. <input checked="" type="checkbox"/> Check Enclosed																																																																																																																																																																																			
FEE CALCULATION																																																																																																																																																																																			
1. BASIC FILING FEE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> <td><input type="checkbox"/> Utility Filing Fee</td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> <td><input type="checkbox"/> Design Filing Fee</td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> <td><input type="checkbox"/> Plant Filing Fee</td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> <td><input type="checkbox"/> Reissue Filing Fee</td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td><input type="checkbox"/> Provisional Filing Fee</td> </tr> <tr> <td colspan="4" style="text-align: right;">Subtotal (1)</td> <td>\$ 0</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	<input type="checkbox"/> Utility Filing Fee	1002	340	2002	170	<input type="checkbox"/> Design Filing Fee	1003	530	2003	265	<input type="checkbox"/> Plant Filing Fee	1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee	1005	160	2005	80	<input type="checkbox"/> Provisional Filing Fee	Subtotal (1)				\$ 0																																																																																																																																											
Large Entity		Small Entity		Fee Description																																																																																																																																																																															
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																
1001	770	2001	385	<input type="checkbox"/> Utility Filing Fee																																																																																																																																																																															
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee																																																																																																																																																																															
1003	530	2003	265	<input type="checkbox"/> Plant Filing Fee																																																																																																																																																																															
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee																																																																																																																																																																															
1005	160	2005	80	<input type="checkbox"/> Provisional Filing Fee																																																																																																																																																																															
Subtotal (1)				\$ 0																																																																																																																																																																															
2. EXTRA CLAIM FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Current Claims</th> <th>Prior</th> <th>Extra</th> <th>Fee</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>35</td> <td>- 20</td> <td>= 15 x \$ 18</td> <td>= \$ 270</td> </tr> <tr> <td>Ind.</td> <td>3</td> <td>- 3</td> <td>= 0 x \$ 86</td> <td>= \$ 0</td> </tr> <tr> <td colspan="3">Multiple Dependent Claims</td> <td>x \$</td> <td>= \$</td> </tr> <tr> <td colspan="4" style="text-align: right;">Subtotal (2)</td> <td>\$ 270</td> </tr> </tbody> </table>		Current Claims	Prior	Extra	Fee	Fee Paid	Total	35	- 20	= 15 x \$ 18	= \$ 270	Ind.	3	- 3	= 0 x \$ 86	= \$ 0	Multiple Dependent Claims			x \$	= \$	Subtotal (2)				\$ 270																																																																																																																																																									
Current Claims	Prior	Extra	Fee	Fee Paid																																																																																																																																																																															
Total	35	- 20	= 15 x \$ 18	= \$ 270																																																																																																																																																																															
Ind.	3	- 3	= 0 x \$ 86	= \$ 0																																																																																																																																																																															
Multiple Dependent Claims			x \$	= \$																																																																																																																																																																															
Subtotal (2)				\$ 270																																																																																																																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td>88</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent Claim</td> </tr> <tr> <td>1204</td> <td>88</td> <td>2204</td> <td>43</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20	1201	88	2201	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent Claim	1204	88	2204	43	Reissue independent claims over original patent	1205	18	2205	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																
Large Entity		Small Entity		Fee Description																																																																																																																																																																															
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																															
1201	88	2201	43	Independent claims in excess of 3																																																																																																																																																																															
1203	290	2203	145	Multiple dependent Claim																																																																																																																																																																															
1204	88	2204	43	Reissue independent claims over original patent																																																																																																																																																																															
1205	18	2205	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																															
3. ADDITIONAL FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - Late filing fee or oath</td> <td>\$</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td>\$</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td>\$</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For Filing a Request for <i>ex parte</i> Reexamination</td> <td>\$</td> </tr> <tr> <td>1804</td> <td>920</td> <td>1804</td> <td>920</td> <td>Requesting publication of SIR prior to Examiner action</td> <td>\$</td> </tr> <tr> <td>1805</td> <td>1,840</td> <td>1805</td> <td>1,840</td> <td>Requesting publication of SIR after Examiner action</td> <td>\$</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td>\$</td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within 2nd month</td> <td>\$</td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within 3rd month</td> <td>\$</td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740</td> <td>Extension for reply within 4th month</td> <td>\$</td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>1,005</td> <td>Extension for reply within 5th month</td> <td>\$</td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> <td>\$</td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td>\$</td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> <td>\$</td> </tr> <tr> <td>1814</td> <td>110</td> <td>2814</td> <td>55</td> <td>Terminal Disclaimer Fee</td> <td>\$</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td>\$</td> </tr> <tr> <td>1453</td> <td>1,330</td> <td>2453</td> <td>665</td> <td>Petition to revive - unintentional</td> <td>\$</td> </tr> <tr> <td>1501</td> <td>1,330</td> <td>2501</td> <td>665</td> <td>Utility/Reissue issue fee</td> <td>\$</td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502</td> <td>240</td> <td>Design issue fee</td> <td>\$</td> </tr> <tr> <td>1503</td> <td>640</td> <td>2503</td> <td>320</td> <td>Plant issue fee</td> <td>\$</td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td>\$</td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td>\$</td> </tr> <tr> <td>1808</td> <td>180</td> <td>1808</td> <td>180</td> <td>Submission of IDS</td> <td>\$</td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>\$</td> </tr> <tr> <td>1801</td> <td>770</td> <td>2801</td> <td>385</td> <td>Request for Continued Examination (RCE)</td> <td>\$</td> </tr> <tr> <td colspan="5">Other fee (specify)</td> <td>\$</td> </tr> <tr> <td colspan="5" style="text-align: right;">Subtotal (3)</td> <td>\$ 0</td> </tr> <tr> <td colspan="5" style="text-align: right;">Total Amount of Payment:</td> <td>\$ 270</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - Late filing fee or oath	\$	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$	1053	130	1053	130	Non-English specification	\$	1812	2,520	1812	2,520	For Filing a Request for <i>ex parte</i> Reexamination	\$	1804	920	1804	920	Requesting publication of SIR prior to Examiner action	\$	1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	\$	1251	110	2251	55	Extension for reply within first month	\$	1252	420	2252	210	Extension for reply within 2 nd month	\$	1253	950	2253	475	Extension for reply within 3 rd month	\$	1254	1,480	2254	740	Extension for reply within 4 th month	\$	1255	2,010	2255	1,005	Extension for reply within 5 th month	\$	1401	330	2401	165	Notice of Appeal	\$	1402	330	2402	165	Filing a brief in support of an appeal	\$	1403	290	2403	145	Request for oral hearing	\$	1814	110	2814	55	Terminal Disclaimer Fee	\$	1452	110	2452	55	Petition to revive - unavoidable	\$	1453	1,330	2453	665	Petition to revive - unintentional	\$	1501	1,330	2501	665	Utility/Reissue issue fee	\$	1502	480	2502	240	Design issue fee	\$	1503	640	2503	320	Plant issue fee	\$	1460	130	1460	130	Petitions to the Commissioner	\$	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	\$	1808	180	1808	180	Submission of IDS	\$	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$	1801	770	2801	385	Request for Continued Examination (RCE)	\$	Other fee (specify)					\$	Subtotal (3)					\$ 0	Total Amount of Payment:					\$ 270
Large Entity		Small Entity		Fee Description	Fee paid																																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																
1051	130	2051	65	Surcharge - Late filing fee or oath	\$																																																																																																																																																																														
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$																																																																																																																																																																														
1053	130	1053	130	Non-English specification	\$																																																																																																																																																																														
1812	2,520	1812	2,520	For Filing a Request for <i>ex parte</i> Reexamination	\$																																																																																																																																																																														
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	\$																																																																																																																																																																														
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	\$																																																																																																																																																																														
1251	110	2251	55	Extension for reply within first month	\$																																																																																																																																																																														
1252	420	2252	210	Extension for reply within 2 nd month	\$																																																																																																																																																																														
1253	950	2253	475	Extension for reply within 3 rd month	\$																																																																																																																																																																														
1254	1,480	2254	740	Extension for reply within 4 th month	\$																																																																																																																																																																														
1255	2,010	2255	1,005	Extension for reply within 5 th month	\$																																																																																																																																																																														
1401	330	2401	165	Notice of Appeal	\$																																																																																																																																																																														
1402	330	2402	165	Filing a brief in support of an appeal	\$																																																																																																																																																																														
1403	290	2403	145	Request for oral hearing	\$																																																																																																																																																																														
1814	110	2814	55	Terminal Disclaimer Fee	\$																																																																																																																																																																														
1452	110	2452	55	Petition to revive - unavoidable	\$																																																																																																																																																																														
1453	1,330	2453	665	Petition to revive - unintentional	\$																																																																																																																																																																														
1501	1,330	2501	665	Utility/Reissue issue fee	\$																																																																																																																																																																														
1502	480	2502	240	Design issue fee	\$																																																																																																																																																																														
1503	640	2503	320	Plant issue fee	\$																																																																																																																																																																														
1460	130	1460	130	Petitions to the Commissioner	\$																																																																																																																																																																														
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	\$																																																																																																																																																																														
1808	180	1808	180	Submission of IDS	\$																																																																																																																																																																														
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$																																																																																																																																																																														
1801	770	2801	385	Request for Continued Examination (RCE)	\$																																																																																																																																																																														
Other fee (specify)					\$																																																																																																																																																																														
Subtotal (3)					\$ 0																																																																																																																																																																														
Total Amount of Payment:					\$ 270																																																																																																																																																																														

Submitted by:

Name: Marcus Simon	Reg. No.: 50,258	Telephone: (206) 903-8800
Signature: <i>Marcus Simon</i>		Date: <i>August 4, 2004</i>



IFW
JFut
PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

August 4, 2004
Date

Denise Sheridan
Denise Sheridan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/813,204

Confirmation No. : 5118

Applicants : Kie Y. Ahn et al.

Filed : March 29, 2004

Attorney Docket No.: 500466.04

Art Unit : 2879

Customer No. : 27,076

Examiner : Not yet assigned

Title : FIELD EMISSION DISPLAY HAVING REDUCED POWER REQUIREMENTS AND METHOD

SUPPLEMENTAL PRELIMINARY AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.